



1634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Kimberly A. Gillis et al.

Application No.: 09/997,423

Confirmation No. 6433

Filed: November 28, 2001

For: Expression Analysis of FKBP Nucleic Acids
And Polypeptides Useful In The Diagnosis And
Treatment of Prostate Cancer

Attorney Docket No.: 102729-12 (AM100492)

Group Art Unit: 1634

Examiner: D. B. Johannsen

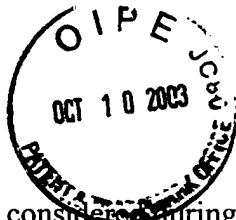
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<u>October 8th 2003</u>	By: <u>[Signature]</u>
Date of Signature and Mail Deposit	Jasbir Sagoo, Ph.D. Reg. No. 51,177

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Dear Madam:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. The enclosed Information Disclosure Statement is filed pursuant to instructions from Examiner Johannsen to replace the original Information Disclosure Statement that was lost at the Patent and Trademark office. Further to instructions from the Examiner, only copies of the foreign applications, foreign patents and articles are submitted herewith. It is respectfully requested that the information be



expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Dated:

October 8th 2003

Respectfully submitted,

By

Jasbir Sagoo, Ph.D.

Registration No.: 51,177

Applicants Representative

Nutter, McClennen & Fish, LLP

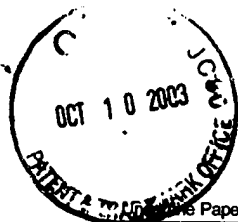
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	09/997,423
				Filing Date	November 28, 2001
				First Named Inventor	Kimberly A. Gillis, Ph.D., et al.
				Art Unit	1619
				Examiner Name	D.B. Johannsen
Sheet	1	of	3	Attorney Docket Number	102729-12

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	5,030,559	07-09-1991	Nicolson et al.	
	AB	5,118,611	06-02-1992	Smith et al.	
	AC	5,362,718	11-08-1994	Skotnicki et al.	
	AD	5,629,007	05-13-1997	Audia et al.	
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	AF	5,801,197	09-01-1998	Steiner et al.	
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	AL	5,854,206	12-29-1998	Twardzik et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO 97/08318	03-06-1997	Corixa Corporation		
	BB	WO 97/33909	09-18-1997	Corixa Corporation		
	BC	WO 98/37093	08-27-1998	Corixa Corporation		
	BD	WO 98/37418	08-27-1998	Corixa Corporation		
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	BF	WO 99/37811	07-29-1999	UROCOR, Inc.		
	BG	WO 00/04149	01-27-2000	Corixa Corporation		
	BH	WO 00/14234	03-16-2000	UROCOR, Inc.		
	BI	WO 00/18961	04-06-2000	Millennium Pharmaceuticals, Inc.		
	BJ	EP 0 648 126 B1	02-02-2000	Procyon Biopharma, Inc.		
	BK	EP 0 698 215 B1	07-15-1998	Nordion International, Inc.		
	BL	EP 0 939 084 A1	09-01-1999	Rao, Ramanath B.		
	BM	EP 0 974 652 A1	01-26-2000	Banyu Pharmaceutical Co., Ltd.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Cleutjens, et al., "Two Androgen Response Regions Cooperate in Steroid Hormone Regulated Activity of the Prostate-specific Antigen Promoter," <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 11, March 15, 1996, pp 6379-6388	
	CB	Henttu, et al., "Androgens Up-Regulate the Human Prostate-Specific Antigen Messenger Ribonucleic Acid (mRNA), but Down-Regulate the Prostatic Acid Phosphatase mRNA in the LNCaP Cell Line," <i>Endocrinology</i> , Vol. 130, No. 2, 1992, pp 772	



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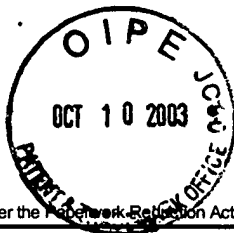
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				Application Number	09/997,423
				Filing Date	November 28, 2001
				First Named Inventor	Kimberly A. Gillis, Ph.D., et al.
				Group Art Unit	1619
				Examiner Name	D. B. Johannsen
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		Number-Kind Code ² (# known)			
	AM	5,856,112	01-05-1999	Marley et al.	
	AN	5,859,031	01-12-1999	Hamilton et al.	
	AO	5,861,248	01-19-1999	Russell et al.	
	AP	5,882,864	03-16-1999	An et al.	
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	AR	5,939,258	08-17-1999	Croce et al.	
	AS	5,945,522	08-31-1999	Cohen et al.	
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	AAE	6,166,011	12-26-2000	Wythes et al.	
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	AAG	6,251,932 B1	06-26-2001	Reichelt et al.	
	AAH	6,252,058 B1	06-26-2001	Thompson	
	AAI	6,261,535 B1	07-17-2001	Thorpe et al.	
	AAJ	6,261,766 B1	07-17-2001	Diamandis	
	AAK	6,313,264 B1	11-06-2001	Caggiano et al.	
	AAL	6,319,891 B1	11-20-2001	Sontheimer et al.	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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	CC	Horoszewicz, et al., "LNCaP Model of Human Prostatic Carcinoma ¹ ," <i>Cancer Research</i> , Vol 43, April 1983, pp 1809-1818	
	CD	Kokontis, et al., "Increased Androgen Receptor Activity and Altered c-myc Expression in Prostate Cancer Cells after Long-Term Androgen Deprivation ¹ ," <i>Cancer Research</i> , Vol. 54, March 15, 1992, pp 1566-1573	
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	CG	Silverstein et al., "Different Regions of the Immunophilin FKBP52 Determine Its Association With the Glucocorticoid Receptor, hsp90, and Cytoplasmic Dynein," <i>Journal of Biological Chemistry</i> , Vol. 274, No. 52, D c. 24, 1999, pp 36980-36986	



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	CH	Smith <i>et al.</i> , "FKPB54, a Novel FK506-Binding Protein in Avian Progesterone Receptor Complexes and HeLa Extracts," <i>Journal of Biological Chemistry</i> , Vol. 268, No. 32, Nov. 15, 1993, pp 24270-24273			
	CI	Swinnen, <i>et al.</i> , "Androgen regulation of the messenger RNA encoding diazepam-binding inhibitor/acyl-CoA-binding protein in the human prostatic adenocarcinoma cell line LNCaP," <i>Molecular and Cellular Endocrinology</i> , Vol. 104, 1994, pp 153-162			
	CJ	Swinnen, <i>et al.</i> , "Androgens Markedly Stimulate the Accumulation of Neutral Lipids in the Human Prostatic Adenocarcinoma Cell Line LNCaP," <i>Endocrinology</i> , Vol. 137, No. 10, 1996, pp 4468-4474			
	CK	Tamayo, <i>et al.</i> , "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96, March 1999, pp 2907-2912			
	CL	Ulrix <i>et al.</i> , "Androgens Down-Regulate the Expression of the Human Homologue of Paternally Expressed Gene-3 in the Prostatic Adenocarcinoma Cell Line LNCaP," <i>Molecular and Cellular Endocrinology</i> , Vol. 155, 1999, pp 69-76			
	CM	Ward <i>et al.</i> , "Expression of the Estrogen Receptor-Associate Immunophilins, Cyclophilin 40 and FKPB52, in Breast Cancer," <i>Breast Cancer Research and Treatment</i> , Vol. 58, 1999, pp 267-280			
	CN	Yang <i>et al.</i> , "Differential Expression and Androgen Regulation of the Human Selenium-Binding Protein Gene <i>hSP56</i> in Prostate Cancer Cells," <i>Cancer Research</i> , Vol. 58, July 15, 1998, pp 3150-3153			

Examiner Signature		Date Considered	
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